Umeå University
Institution för Datavetenskap

DV2: Algorithms and Problemsolving 7.5 p
DV169VT16

OU5 Automaton

Contents

Clock
hours : NumberDisplay
minutes : NumberDisplay
- displayString : String
+ timeTick() : void
+ setTime(int, int) : void
+ getTime() : String
- updateDisplay() : void

NumberDisplay
- minLimit : int
- maxLimit : int
- value : int
+ getValue() : int
+ setValue(int) : void
+ getDisplayValue() : String
+ increment() : void
+ didWrapAround() : boolean

Figure 1: *Class diagrams of Clock and NumberDisplay.*

1   Introduction

2   Program Structure

3   Discussion

References